



OIPE

RAW SEQUENCE LISTING

DATE: 04/26/2002

PATENT APPLICATION: US/10/067,892

TIME: 14:28:27

Input Set : N:\Crf3\RULE60\10067892.raw

Output Set: N:\CRF3\04262002\J067892.raw

```

1 <110> APPLICANT: McCORMICK, Alison
2     TUSE, Daniel
3     REINL, Stephen
4     LINDBO, John
5     TURPEN, Thomas
6 <120> TITLE OF INVENTION: SELF ANTIGEN VACCINES FOR TREATING B CELL LYMPHOMAS
7     AND OTHER CANCERS
8 <130> FILE REFERENCE: 18696-169194
9 <140> CURRENT APPLICATION NUMBER: 10/067,892
10 <141> CURRENT FILING DATE: 2002-02-08
11 <150> PRIOR APPLICATION NUMBER: US/09/522,900
12 <151> PRIOR FILING DATE: 2000-03-10
14 <160> NUMBER OF SEQ ID NOS: 62
15 <170> SOFTWARE: PatentIn version 3.0
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 23
19 <212> TYPE: DNA
20 <213> ORGANISM: Unknown
21 <220> FEATURE:
22 <221> NAME/KEY: misc_feature
23 <222> LOCATION: ()..()
24 <223> OTHER INFORMATION: primer
25 <400> SEQUENCE: 1
26     gttcttgtat ttccaggaga aag
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 20
30 <212> TYPE: DNA
31 <213> ORGANISM: Unknown
32 <220> FEATURE:
33 <221> NAME/KEY: misc_feature
34 <222> LOCATION: ()..()
35 <223> OTHER INFORMATION: primer
36 <400> SEQUENCE: 2
37     gtcctgctct gtgacactct
39 <210> SEQ ID NO: 3
40 <211> LENGTH: 21
41 <212> TYPE: DNA
42 <213> ORGANISM: Unknown
43 <220> FEATURE:
44 <221> NAME/KEY: misc_feature
45 <222> LOCATION: ()..()
46 <223> OTHER INFORMATION: primer
47 <400> SEQUENCE: 3

```

23

20

RAW SEQUENCE LISTING

DATE: 04/26/2002

PATENT APPLICATION: US/10/067,892

TIME: 14:28:27

Input Set : N:\Crif3\RULE60\10067892.raw

Output Set: N:\CRF3\04262002\J067892.raw

```

48      atccagcgta ctccaaagat t                                21
50 <210> SEQ ID NO: 4
51 <211> LENGTH: 18
52 <212> TYPE: DNA
53 <213> ORGANISM: Unknown
54 <220> FEATURE:
55 <221> NAME/KEY: misc_feature
56 <222> LOCATION: ()..()
57 <223> OTHER INFORMATION: primer
58 <400> SEQUENCE: 4
59      gtgcacgccg ctggtcag                                18
61 <210> SEQ ID NO: 5
62 <211> LENGTH: 18
63 <212> TYPE: DNA
64 <213> ORGANISM: Unknown
65 <220> FEATURE:
66 <221> NAME/KEY: misc_feature
67 <222> LOCATION: ()..()
68 <223> OTHER INFORMATION: primer
69 <400> SEQUENCE: 5
70      ctccactccc gccttgtc                                18
72 <210> SEQ ID NO: 6
73 <211> LENGTH: 21
74 <212> TYPE: DNA
75 <213> ORGANISM: Unknown
76 <220> FEATURE:
77 <221> NAME/KEY: misc_feature
78 <222> LOCATION: ()..()
79 <223> OTHER INFORMATION: primer
80 <400> SEQUENCE: 6
81      catgtctcga tcccacttaa c                                21
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 38
85 <212> TYPE: DNA
86 <213> ORGANISM: Unknown
87 <220> FEATURE:
88 <221> NAME/KEY: misc_feature
89 <222> LOCATION: ()..()
90 <223> OTHER INFORMATION: primer
91 <400> SEQUENCE: 7
92      gaccacgcgt atcgatgtcg accccccccc ccccccccd          38
94 <210> SEQ ID NO: 8
95 <211> LENGTH: 19
96 <212> TYPE: DNA
97 <213> ORGANISM: Unknown
98 <220> FEATURE:
99 <221> NAME/KEY: misc_feature
100 <222> LOCATION: ()..()
101 <223> OTHER INFORMATION: primer

```

RAW SEQUENCE LISTING

DATE: 04/26/2002

PATENT APPLICATION: US/10/067,892

TIME: 14:28:27

Input Set : N:\Crif3\RULE60\10067892.raw

Output Set: N:\CRF3\04262002\J067892.raw

```

102 <400> SEQUENCE: 8
103      aacggccacg ctgctcgta                                19
105 <210> SEQ ID NO: 9
106 <211> LENGTH: 21
107 <212> TYPE: DNA
108 <213> ORGANISM: Unknown
109 <220> FEATURE:
110 <221> NAME/KEY: misc_feature
111 <222> LOCATION: ()..()
112 <223> OTHER INFORMATION: primer
113 <400> SEQUENCE: 9
114      gttattcagc aggcacacaa c                                21
116 <210> SEQ ID NO: 10
117 <211> LENGTH: 19
118 <212> TYPE: DNA
119 <213> ORGANISM: Unknown
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: ()..()
123 <223> OTHER INFORMATION: primer
124 <400> SEQUENCE: 10
125      tgagttccac gacaccgtc                                19
127 <210> SEQ ID NO: 11
128 <211> LENGTH: 21
129 <212> TYPE: DNA
130 <213> ORGANISM: Unknown
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: ()..()
134 <223> OTHER INFORMATION: primer
135 <400> SEQUENCE: 11
136      gtcacttats agacacacca g                                21
138 <210> SEQ ID NO: 12
139 <211> LENGTH: 20
140 <212> TYPE: DNA
141 <213> ORGANISM: Unknown
142 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
144 <222> LOCATION: ()..()
145 <223> OTHER INFORMATION: primer
146 <400> SEQUENCE: 12
147      ggaattctca caggagacga                                20
149 <210> SEQ ID NO: 13
150 <211> LENGTH: 22
151 <212> TYPE: DNA
152 <213> ORGANISM: Unknown
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature
155 <222> LOCATION: ()..()

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/067,892

DATE: 04/26/2002

TIME: 14:28:27

Input Set : N:\Crif3\RULE60\10067892.raw

Output Set: N:\CRF3\04262002\J067892.raw

```

156 <223> OTHER INFORMATION: primer
157 <400> SEQUENCE: 13
158      aacagagggca gttccagatt tc                22
160 <210> SEQ ID NO: 14
161 <211> LENGTH: 18
162 <212> TYPE: DNA
163 <213> ORGANISM: Unknown
164 <220> FEATURE:
165 <221> NAME/KEY: misc_feature
166 <222> LOCATION: ()..()
167 <223> OTHER INFORMATION: primer
168 <400> SEQUENCE: 14
169      cttgaccagg cagcccag                18
171 <210> SEQ ID NO: 15
172 <211> LENGTH: 20
173 <212> TYPE: DNA
174 <213> ORGANISM: Unknown
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: ()..()
178 <223> OTHER INFORMATION: primer
179 <400> SEQUENCE: 15
180      tgtggccttg ttggcttgaa                20
182 <210> SEQ ID NO: 16
183 <211> LENGTH: 18
184 <212> TYPE: DNA
185 <213> ORGANISM: Unknown
186 <220> FEATURE:
187 <221> NAME/KEY: misc_feature
188 <222> LOCATION: ()..()
189 <223> OTHER INFORMATION: primer
190 <400> SEQUENCE: 16
191      atggactgga cctggagg                18
193 <210> SEQ ID NO: 17
194 <211> LENGTH: 20
195 <212> TYPE: DNA
196 <213> ORGANISM: Unknown
197 <220> FEATURE:
198 <221> NAME/KEY: misc_feature
199 <222> LOCATION: ()..()
200 <223> OTHER INFORMATION: primer
201 <400> SEQUENCE: 17
202      atggacatac tttgttccac                20
204 <210> SEQ ID NO: 18
205 <211> LENGTH: 18
206 <212> TYPE: DNA
207 <213> ORGANISM: Unknown
208 <220> FEATURE:
209 <221> NAME/KEY: misc_feature

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/067,892

DATE: 04/26/2002

TIME: 14:28:27

Input Set : N:\Crif3\RULE60\10067892.raw

Output Set: N:\CRF3\04262002\J067892.raw

```

210 <222> LOCATION: ()..()
211 <223> OTHER INFORMATION: primer
212 <400> SEQUENCE: 18
213         atggagtttg ggctgagc
215 <210> SEQ ID NO: 19
216 <211> LENGTH: 20
217 <212> TYPE: DNA
218 <213> ORGANISM: Unknown
219 <220> FEATURE:
220 <221> NAME/KEY: misc_feature
221 <222> LOCATION: ()..()
222 <223> OTHER INFORMATION: primer
223 <400> SEQUENCE: 19
224         atgaaacacc tgtggttctt
226 <210> SEQ ID NO: 20
227 <211> LENGTH: 20
228 <212> TYPE: DNA
229 <213> ORGANISM: Unknown
230 <220> FEATURE:
231 <221> NAME/KEY: misc_feature
232 <222> LOCATION: ()..()
233 <223> OTHER INFORMATION: primer
234 <400> SEQUENCE: 20
235         atgggggtcaa ccgccatcct
237 <210> SEQ ID NO: 21
238 <211> LENGTH: 20
239 <212> TYPE: DNA
240 <213> ORGANISM: Unknown
241 <220> FEATURE:
242 <221> NAME/KEY: misc_feature
243 <222> LOCATION: ()..()
244 <223> OTHER INFORMATION: primer
245 <400> SEQUENCE: 21
246         atgtctgtct ccttcctcat
248 <210> SEQ ID NO: 22
249 <211> LENGTH: 17
250 <212> TYPE: DNA
251 <213> ORGANISM: Unknown
252 <220> FEATURE:
253 <221> NAME/KEY: misc_feature
254 <222> LOCATION: ()..()
255 <223> OTHER INFORMATION: primer
256 <400> SEQUENCE: 22
257         caggagacga gggggaa
259 <210> SEQ ID NO: 23
260 <211> LENGTH: 20
261 <212> TYPE: DNA
262 <213> ORGANISM: Unknown
263 <220> FEATURE:

```

VERIFICATION SUMMARY

DATE: 04/26/2002

PATENT APPLICATION: US/10/067,892

TIME: 14:28:28

Input Set : N:\Crf3\RULE60\10067892.raw

Output Set: N:\CRF3\04262002\J067892.raw

L:482 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:42

L:496 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:43